

Figure 1 The Single Link Selection and Linking Process of the Prior Art

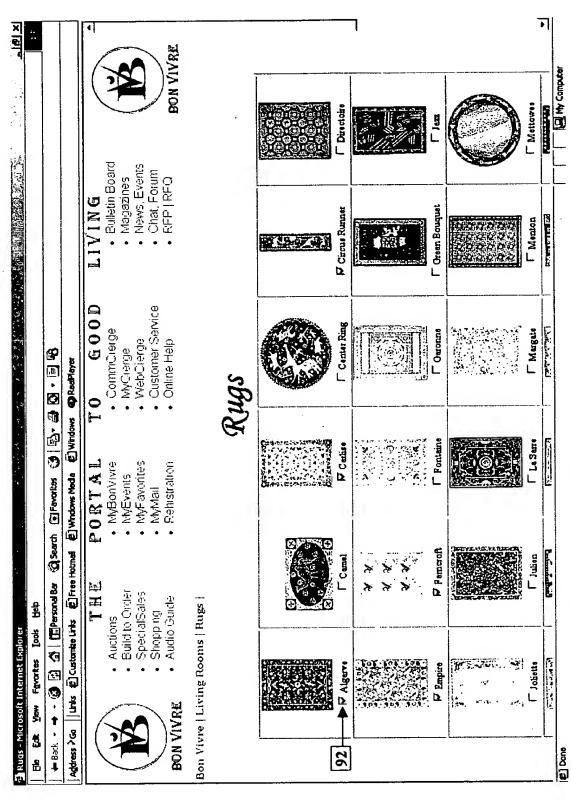


Figure 9-A

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Figure 9-B

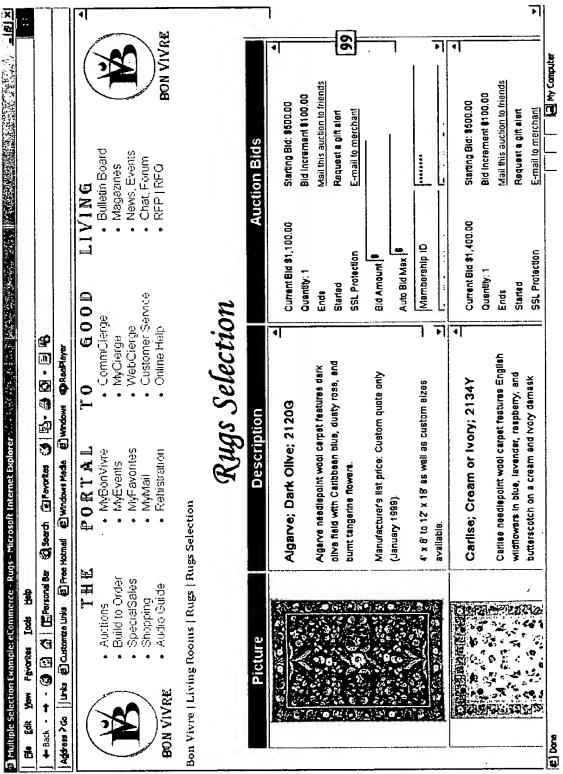


Figure 9-C

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3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Втоппа.	8id Amount		<del></del>
	Manufacturers list price: Custom quote only	Auto Bid Max		7
		Membership ID	***************************************	
SPECIAL SPECIA	3'x 6' to 14' x 20' as well as custom sizes			P
	Olrcus Runner; Blue; 010005	Current Bld \$1,000.00	Starting Bld: \$660.00	ग .
		Quantity: 1	Bid Increment \$50.00	
	Blue Circus Runner from the Circus Collection is	Ends	Mail this auction to friends	
o o	handtufted wool with festive center design and	Started	Request a gift alert	-
	border, 26" x 6'.	SSL Protection	E-mail to merchant	66
	Manufacturer's list price: \$426.00 (January 1999).	Bid Amount		]=
	Available in a variety of sizes and with	Auto Bid Max 6		1
	coordinating accessories.	Membership ID	***************************************	•
	Empire Gold: Cranberry Red.	Current Bld \$1,000.00	Starting Bld: \$800.00	ग
	Celadon; 1910A	Quentity: 1	Bid increment \$100.00	<u></u>
		Ends	Mail this auction to friends	
では、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これ	Empire needlepoint wool carpet features an	Started	Request a gift efert	• • •
	Empire architectural border in gold, celadon, and	SSL Protection	E-mail to merchant	
	cranberry red. Broad leaves and oversized flowers provide central ornamentation.	Bid Amount   8		
	Man of the profession of the p	Auto Bid Mex 6		<u> </u>
		Membership ID		ন
	Ferritroff Green: Work: 21078G	Current Bid \$1,000.00	Starting Bid: \$800.00	1
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Figure 9-D

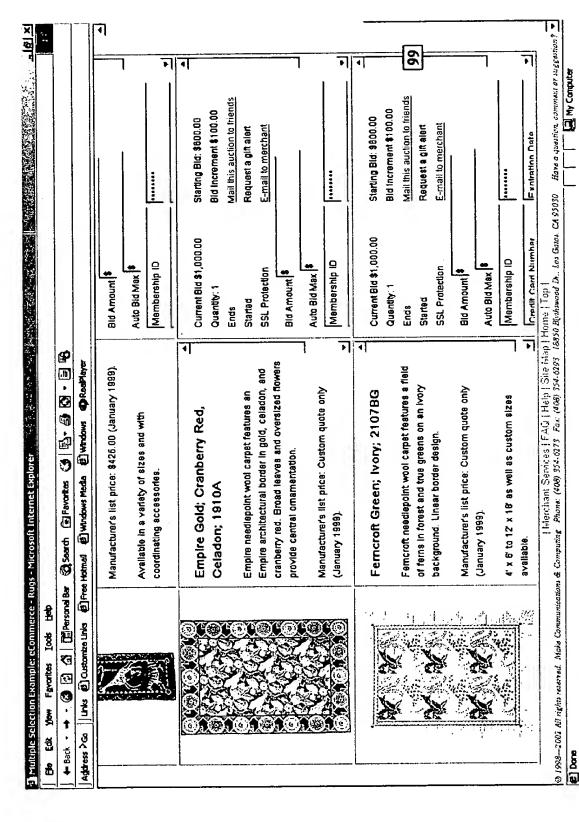


Figure 9-E

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	88	쏬	\$60,000		650-948-6936	Los Altos	₹ Ö
	86	<del>4</del> <del>4</del>	\$60,000		408-531-1595	San Jose	ర
	18	<del>2</del> 8	\$50,750		408-354-3297	Los Gatos	ర
Marcedes CL500 Coupe	86	뜻	\$82,500		408-354-3297	Los Gatos	ర
	86	<del>1</del> 8	\$62,500		415-460-5984	Marin County	ర
Mercedes E420 Sedan	6	21X	\$49,950	Yes	Auto Town	San Jose	ర
Mercedes S320 Sedan	6	29K	\$55,950	Yes	Auto Town	San Jose	ర
Mercedes S500 Coupe	86	뜻	\$82,950		408-354-3297	Los Gatos	CA
BMW M3 DINAN Stage 3	97	<u> </u>	\$49,000		714-730-5425	Tustin	Q.
	86	89K	\$48,900	Yes	800-608-2886	Los Angeles	CA
	16	쏫	\$64,950	Yes	949-584-9420	Laguna Beach	۲ ک
	88	<del>美</del>	\$58,500		303-861-1181	Denver	ပ္ပ
Mercedes S600 Coupe	97	18X	\$100,000		303-534-2757	Derwer	ខ
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Figure 10-A

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١.	BMW 740IL	97	255	\$51,998	Yes	813-933-2811	Tampa	교
	BMW 740iL	6	28K	\$52,870	Yes	954-527-3300	Ft. Lauderdale	급
	Mercedes \$420	97	34 34 4	\$51,595	Yes	727-797-7070	Clearwater	교
<b> </b> ,	Audi A8 QUATTRO	86	컂	\$54,990	Yes	847-432-5020	Highland Park	=
١.	BMW 5401	66	쏡	\$58,900	Yes	217-528-2277	Springfield	<u> </u>
	BMW 5401 SPORT	66	쓪	\$56,900	Yes	217-528-2277	Springfield	=
١.	BMW 5401	66		\$52,420	Yes	708-481-9400	Chicago	<u> </u> _
	BMW 7401	88	- %	\$52,500	Yes	630-357-1200	Naperville	=
.	BMW 740 IA	18	26K	\$51,500	Yes	847-843-4000	Schaumburg	Ľ
l.	BMW 740 IL	18	33K	\$48,900	Yes	217-528-2277	Springfield	<u></u>
L	BMW 740 IL	97	33K	\$49,988	785	847-843-4000	Schaumburg	
	BMW 740I	86		\$69,570	Yes	708-481-9400	Chicago	<b>=</b>
	BMW 750IL	86	₩	\$75,000	Yes	630-968-3201	Downers	<u></u>
	BMW 750iL	86	쓩	\$79,900	Yes	217-528-2277	Springfield	<u> </u> _
	BMW 840Ci	16	21K	\$55,900	Yes	847-843-4000	Schaumburg	<u></u>
	BMW M3 DINAN	86	ㅊ	\$54,995	Yes	847-804-5000	Lake Bluff	۳
.	Jaguar XJ6 Vanden Plas Sedan	6	2 2 3 4	\$48,778	Yes	773-227-3200	Chicago	_
	Jaguar XK8 Corvertible	86	16 <del>X</del>	\$66,500	Yes	847-256-0606	Wilmette	
	Jaguar XK8 Convertible	97	뀾	\$56,995	Yes	630-443-1600	West Chicago	<u>_</u>
	Jaguar XK8 Convertible	97	좆	\$58,000	Yes	847-256-0606	Wilmette	<b>=</b>
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Figure 10-B

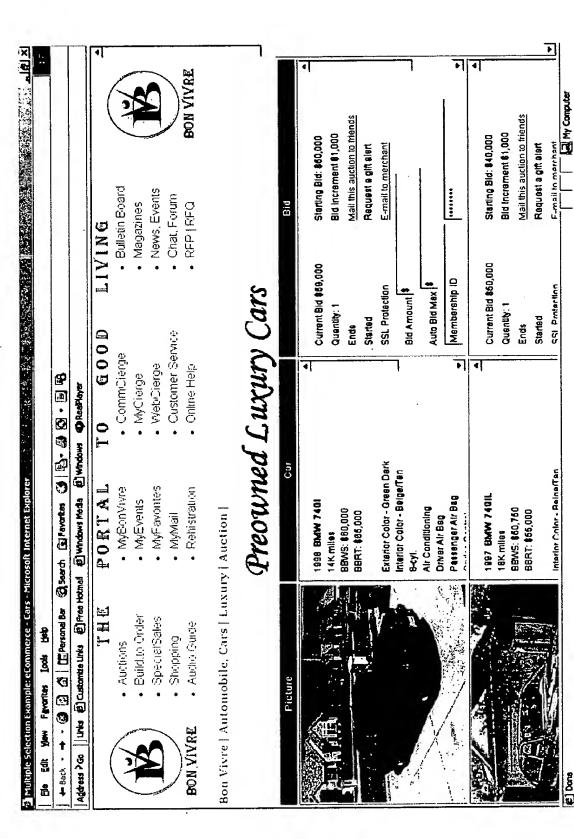


Figure 10-C

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大学 · 一 · · · · · · · · · · · · · · · · ·	1998 Marcedes E320	Current Bid \$58,000	Starting Bid: \$60,000	
	19K miles	Quantity: 1	Bld Increment \$1,000	
さんが	BEWS: 862,500	Ends	Mail this auction to friends	
The state of the s		Started	Request a gift elert	
Service Servic	Exterior Color - Black	SSL Protection	E-mail to merchant	•
	Interior Color - Black			
	6-cyl.	Bid Amount		
	Air Conditioning	Auto Bid Max		•
				•
	IRONG DOOR SHEELD AND THE TOTAL THE	Current Bid \$61,000	Starting Bid: 445,000	
		Quantity: 1	Bid Increment \$1,000	
	BERT BERT BERT	Ends	Mail this auction to friends	
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	Exterior Color - White	SSL Protection	E-mail to merchant	
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10000000000000000000000000000000000000		Membership ID		•
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	fW M3 DINAN Stage 3 Car	Current Bld \$47,000	Starting Bid: 940,000	
	4K miles	Quantity: 1	Bld Increment \$1,000	
	55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Ends	Mail this auction to friends	
		Started	Request a gift alert	
	Exterior Color - Purple	SSL Protection	E-mail to merchant	
	Interior Color - Gray Light	•		
	8-cyl.	Pia Amount		'
	Air Conditioning	Auto Bid Max		
		!		

Figure 10-D

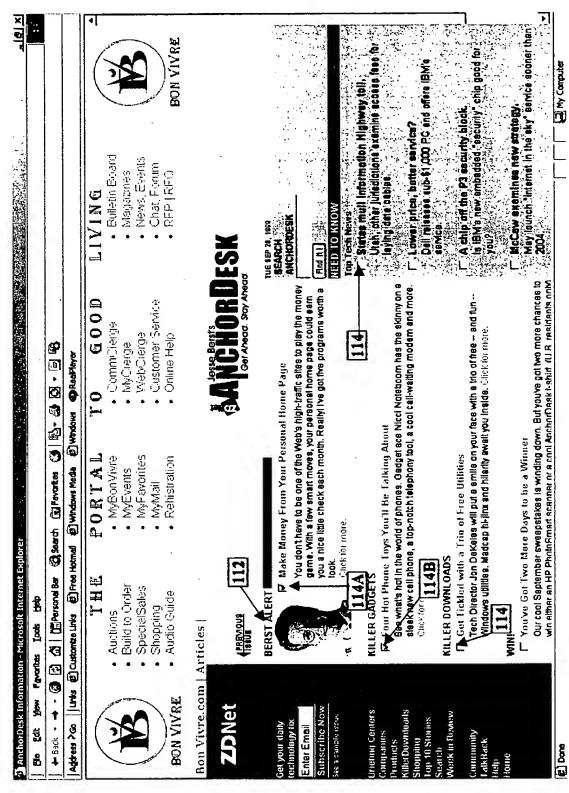


Figure 11-A-1

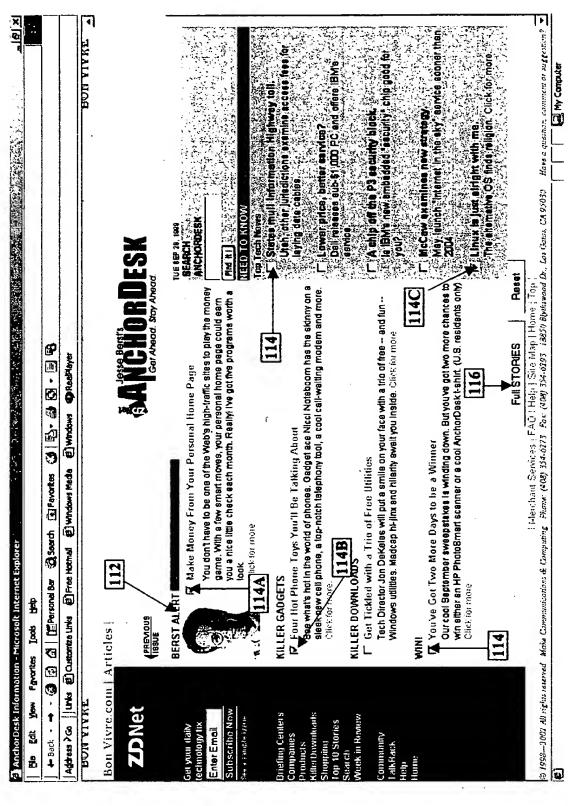
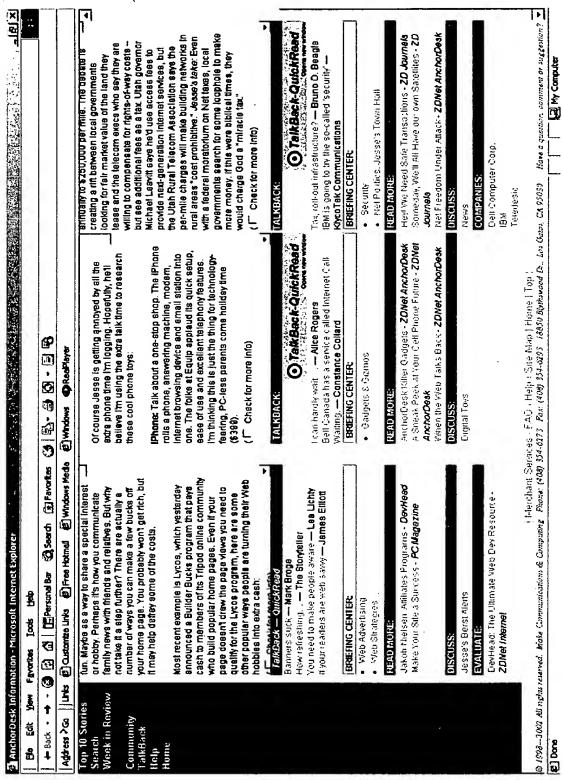


Figure 11-A-2

Figure 11-B



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9	Ze.	@00B	CommCierge	iviyCretge WebClerca	Dustomer Service	Online Help		+1.02%)		9/1	%09°0-	+16.48%	% 96° 6+	-4.20%	+0.14%	+22.61%	*63.5+
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S South	B) Free Hotmall @W			•	• •	•	My Quote			Last rade	4:01 PM	4:00 PM	4:01 PM	4:00 PM	4:05 PM	4:00 PM	4:00 PM
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+ Back · + · (2) (2) 6	Address Poo Links @Co			×		BON VIVRE	Bon Vivre.com   Finance   My Quotes	U.S. Stock Market DOW 10793.82 +119.05 (+1.12%)		Gore Into	L	L	L	L	L	L	L

Figure 12-A-1

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	\$. <b>4 6 9</b> • <b>9</b>	E Windows	48 <sup>13</sup> / <sub>18</sub>	-3 43 <sub>/64</sub>	+1/16	H17 1/8	81/5+	+1 5/18	+1/18	+13/18	43/6+	B/2+	+3/4	Submit	Merchant Services (FAG   Help   Site Map   Home (Top )
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Figure 12-A-2

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Finance   My Quotes     MASDAQ 256582 +25.82 (+1.02%)   MASDAQ 256582 +25.82 (+1.02%)     MASDAQ 256582 +25.82 (+1.02%)     Applied Materials	Audio Gui	• Rehistration	Online He	여	• RFF	PIRFO	BON VIVRE
19.05 (+1.12%)	Financ	iotes					
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70 1/8 - 72 7/16   72 7/16   72 7/16   72 7/16   7505,409   0     19   39	>	Day's Range	Pi@	-	Open	Ava Volume	E S
y   3y   21 8/16	250	70 1/8 - 72 7/16	72 5/16		72 1/18	7,506,409	Oct 1997
y   3y	12	52-week Range	Earn/Shr	B/G	Mkt Ceo	DiwShr	Vield
Change	•	21 9/16 - 79 15/16	0.13	660.68	27.196B	N/A	¥ Ž
19   3v   19   21   34   44   44   44   45   43   54   60   60   60   60   60   60   60   6	C - ChiGraup	Last Trade	Che	- Bu	Prev CIs	Volume	Div Date
Dey's Range	C 4-Rug-1999 (C)	4:01 PM - 44	+1/18	HD.14%)	43 15/16	9,338,800	Aug 27
42 5/18	و کر 	Day's Range	Pie	Ask	Open	Ava Voluma	Ey.Div
y   3y   3y   19 - 51 34   1.83   24.01   148.78   0.66   0.66   1.83   24.01   148.78   0.66   0.	No. of the second secon	42 5/18 - 44 3/4	\ <u>\{</u>	ď Z	. 44 1/8	8,091,272	July 29
y   3y   19 — 51 3/4   1.83   24.01   148.78   0.66   1.813   24.01   148.78   0.66   1.813   24.01   148.78   0.66   1.813	12	52-week Renge	Eart/Shr	P/E	Mkt Cap	DiwShr	Yield
Last Trade Change Prev Cls Volume 4:01 PM - 27 1/2 +3/g (+3.29%) 26 5/g 10,523,800  Day's Renge Bid Ask Open Avg Volume		19 — 51 3/4	1.83	24.01	148.78	0.56	1.27
4:01 PM - 27 1/2 + 4/6 (+3.29%) 26 9/6 10,523,800  Day's Renge Bid Ask Open Avg Volume	C QWST — QWest Communications	Last Trade	Cha	eBu	Prev Cle	Volume	Div Date
Day's Range Bid Ask Open Avg Volume	50 Annual Control of the Control of	4:01 PM - 27 1/2	+) <sup>8</sup> / <sub>6</sub> +	3.29%)	26 <sup>3</sup> / <sub>8</sub>	10,523,800	May 24
	& AND	Day's Renge	Bid 27.1/2	Ask 27 9/.	Open 26 13/.	Avg Volume	Ex-Div

Flgure 12-B-1

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Finance   My Quotes     MASDAQ 2868.82 + 36.82 (+1.02%)   Sap 500 1313.71 +9   Last Tade	Links @Customize Links	(E) Windows Meda	F L				
Applied Materials		notes					112 1100
Table   Last Trade		•	82 +25 87 (+1 02	<b>%</b>		6 August, 1999 (Thu): 4:37pn SAP 500 1313,71	1 U.S. Markets Gos: +6.38 (+0.64%
Autor   Auto		MORE INFORMA	TION OF MY OU	OTES	I		
Day's Range	F AMAT — Applied Materials FIRST 4-Rug-1999 CCYANOO!	Last Trade 4:01 PM - 72 <sup>7</sup> / <sub>16</sub>	Cha	ange -0.60%)	Prev Cls 72 <sup>7</sup> / <sub>8</sub>	Volume 6,079,400	Div Date Oct 1997
Chart	So S	Day's Range 70 <sup>1</sup> / <sub>8</sub> — 72 <sup>7</sup> / <sub>18</sub>	Bid 72 <sup>5</sup> / <sub>18</sub>	Ask 72 7/18	Open 72 <sup>7</sup> / <sub>18</sub>	Avg Volume 7,506,409	Ex-Div Oct 1997
C - Citionup	SmallChart 1d   5d   3m   1y   3y LargeChart 1d   5d   3m   1y   3y	52-week Range 21 <sup>9</sup> / <sub>18</sub> — 79 <sup>15</sup> / <sub>16</sub>	Eam/Shr 0.13	P/E 560.58	Mkt Cap 27.196B	Div/Shr N/A	Yield
State   Stat	C C-CiliGroup	Last Trade 4:01 PM - 44	Chan +1/ <sub>18</sub> (+C	ge 1,14%)	Prev Cls 43 <sup>15</sup> / <sub>18</sub>	Voluma 9,338,800	Div Date Aug 27
September   Sept		Day's Range 42 <sup>5</sup> / <sub>18</sub> — 44 <sup>3</sup> / <sub>4</sub>	B W	Aak N/A	Open 44 <sup>1</sup> / <sub>8</sub>	Avg Volume 6,091,272	Ex-Div July 29
ST - GWest Communications         Last Trade         Change         Prev Cis         Volume           Alst T - GWest Communications         4.01 PM · 27 <sup>1</sup> / <sub>2</sub> +3/ <sub>8</sub> (+3.29%)         26 <sup>5</sup> / <sub>8</sub> 10,523,800           Ass Covered         Bid         Ask         Open         Avg Volume           25 <sup>7</sup> / <sub>8</sub> - 27 <sup>5</sup> / <sub>8</sub> 27 <sup>1</sup> / <sub>2</sub> 27 <sup>1</sup> / <sub>1</sub> 27 <sup>1</sup> / <sub>1</sub> 26 <sup>13</sup> / <sub>18</sub> 9,102,046           Sep Nov Jan Har	SmallChart 1d   5d   3m   1y   3y   LargeChart 1d   5d   3m   1y   3y	52-week Range 19 — 51 <sup>3</sup> / <sub>4</sub>	Eem/Shr 1.83	P/E 24.01	Mkt Cap 148.7B	Div/Shr 0.98	Yield 1.27
Day's Renge	C QWST — QWest Communications	Last Trade 4:01 PM · 27 <sup>1</sup> / <sub>2</sub>	Chan, +3/8 (+3.	29%)	Prev Cls 26 <sup>5</sup> / <sub>8</sub>	Valume 10,523,800	Div Date May 24
Bop Nov Jan Hay Nut         52-week Range         Eart/Shr         P/E         Mkt Cap         Div/Shr         N/A           IChert Id   5d   3m   1y   3y         11 — 52 ³/g         0.34         78.31         19.360B         N/A         1           Insider         Alessages         News         Profiless         Research           Submit ALL         Submit ALL         Submit         Research	A A A A A A A A A A A A A A A A A A A	Day's Renge 25 <sup>7</sup> / <sub>8</sub> — 27 <sup>5</sup> / <sub>8</sub>	Bid 27 <sup>1</sup> / <sub>2</sub>	Ask 27 <sup>8</sup> / <sub>18</sub>	Open 26 <sup>13</sup> / <sub>18</sub>	Avg Volume 9,102,045	Ex-Div May 26
Insider Hessages News Profiless Research Submit ALL Submit Reset	SmallChart Id   5d   3m   1y   3y   LargeChart Id   5d   3m   1y   3y	52-week Range 11 — 52 <sup>3</sup> / <sub>8</sub>	Earn/Shr 0.34	P/E 78.31	Mkt Cap 19.360B	Div/Shr N/A	Yield N/A
Submit	Insider	Messages	News	Profiless		Research	SEC.
		Submit ALL	Submit	Reset			

Figure 12-B-2

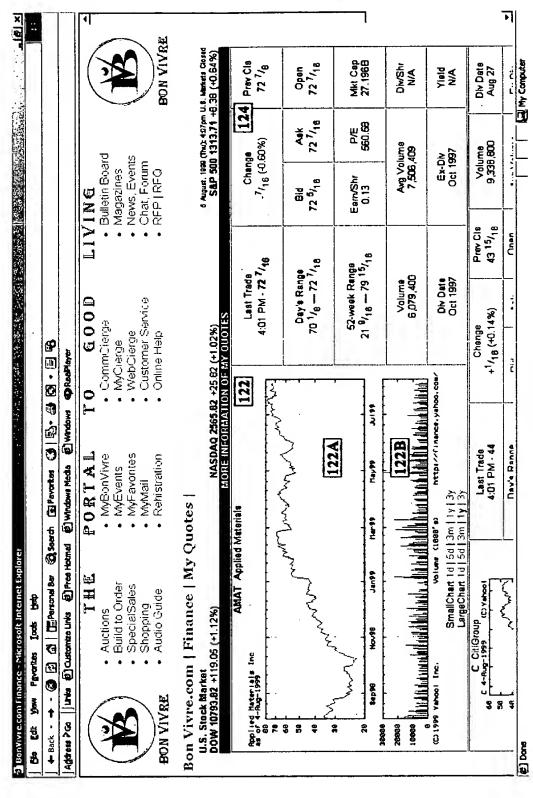


Figure 12-C-1

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	122A		Day's Range 70 <sup>1</sup> / <sub>8</sub> — 72 <sup>7</sup> / <sub>16</sub>	7/16	Bid 72 5/ <sub>16</sub>	Ask 72 <sup>7</sup> / <sub>18</sub>	Open 72 <sup>7</sup> / <sub>16</sub>
28 Sep36 Nov38 Jan99	Har 99 Hay 99	8810	52-week Range 21 <sup>9</sup> / <sub>16</sub> — 79 15/ <sub>16</sub>	15/16	Earn/Shr 0.13	P/E 560.58	Mkt Cap 27.1968
20000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	122B		Volume 6,079,400		Avg Volume 7,506,409	ume 609 124	Div/Shr N/A
5 22	Volume (1888's) http://finance.yahoo.gov/ 	yahoo, qqa/	Div Date Oct 1997		Ex-Div Oct 1997	Ī	Yield N/A
C 4-Aug-1999 CC Yahoo!	Last Trade 4:01 PM - 44	Change + <sup>1</sup> / <sub>1B</sub> (+0.14%)	nge 0.14%)	Prev Cla 43 <sup>15</sup> / <sub>16</sub>	9,338,800	00g	Div Date Aug 27
30 Sec. 100 June 100 June 100 Sec. 100	Day's Range 42 <sup>5</sup> / <sub>16</sub> — 44 <sup>3</sup> / <sub>4</sub>	Bid WA	Ask	Open 44 <sup>1</sup> / <sub>B</sub>	Avg Volume B,031,272	olume ,272,	Ex-Oly July 29
SmallChart td   5d   3m   1y   3y   LargeChart td   5d   3m   1y   3y	52-week Renge 19 — 51 <sup>3</sup> / <sub>4</sub>	Earr/Shr 1.83	P/E 24.01	Mkt Cap 148.78	Div/Shr 0.66	Shr.	Yield 1.27
GWST GVVet Communications also 4-8-1 4-8-4-1999 CD Vahoo!	Last Trade 4:01 PM - 27 <sup>1</sup> / <sub>2</sub>	Change +3/ <sub>8</sub> (+3.29%)	.29%)	Prev Cls 26 <sup>5</sup> / <sub>8</sub>	Volume 10,523,00	Volume 10,523,800	Div Date May 24
28 Z	Day's Range 25 <sup>7</sup> / <sub>8</sub> — 27 <sup>5</sup> / <sub>8</sub>	Bld 27 1/2	Ask 27 <sup>9</sup> / <sub>18</sub>	0pen 26 13/16	> gvA 9,102	Avg Valuma 9,102,045	Ex-Div May 25
SmallChart 1d   5d   3m   1y   3y   LargeChart 1d   5d   3m   1y   3y	52-week Range 11 — 52 <sup>3</sup> / <sub>8</sub>	Earn/Shr 0.34	P/E 78.31	Mkt Cap 19.360B	<u> </u>	DiwShr N/A	Yield
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Figure 12-C-2

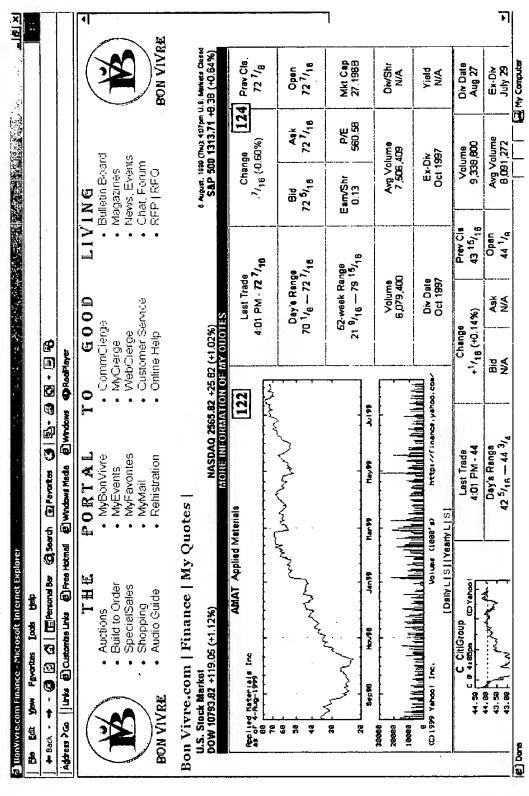


Figure 12-D

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20000		6	Valume 6,079,400	Avg Valume 7,506,409	DiwShr N/A
e			Div Date Oct 1997	Ex-Div Oct 1997	Yield
C ChiGroup	Last Trade 4:01 PM - 44	Changa + <sup>1</sup> / <sub>16</sub> (+0.14%)	Prev Cts () 43 <sup>15</sup> / <sub>16</sub>	9 Volume 9 9338,800	Div Oate Aug 27
43.50	Day's Range 42 <sup>5</sup> / <sub>16</sub> — 44 <sup>3</sup> / <sub>4</sub>	Bid WA	Ask Open N/A 44 <sup>1</sup> / <sub>B</sub>	Avg Volume B,091,272	Ex-Div July 29
42.59 Li	52-week Range 19 — 51 3/4	Earr/Shr 1.83	P/E Mkt Cap 24.01 148.7B	DiwShr 0.56	Yield 1.27
QWST Commu		3-Rug 4181pm 4:01 F	Last Trade 4:01 PM - 27 1/2	Change + <sup>3</sup> / <sub>8</sub> (+3.29%)	Prev Cls 26 <sup>5</sup> / <sub>8</sub>
	A CANA THE WALL CANA DOTHER CANA OF THE CANADO	25.77	Day's Range 25 <sup>7</sup> / <sub>8</sub> — 27 <sup>5</sup> / <sub>8</sub>	Bid Ask 27 1/2 27 9/16	k Open 16 26 <sup>13</sup> / <sub>18</sub>
25.56 10em 12em	- 1 2pm	52-w	52-wask Range 11 — 52 <sup>3</sup> / <sub>8</sub>	Earn/Shr P/E 0.34 78.31	Mki Cep 19.360B
3392000 2505000 2505000 1505000 1605000	10.0	> 0	Volume 10,523,800	Avg Volume 9,102,045	Div/Shr N/A
59999 Valvoi Inc. (C) 1999 Yahoo Inc. (Dally L   S   [Yahoo] Line.	Liles of Land Balandilla all Liles of the Control o		Div Date May 24	Ex-Div May 26	Y ield
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Figure 12-E

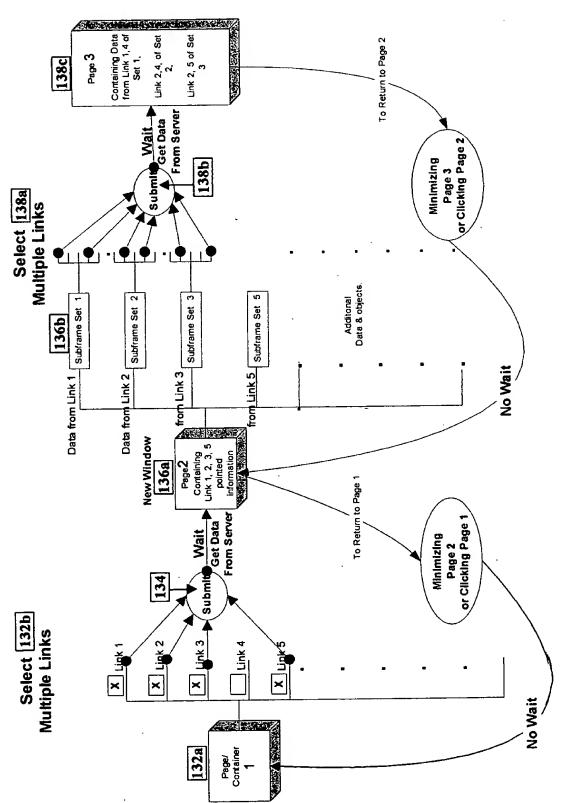


Figure 13 The Multiple Link Selection and Linking Process of the Current Invention

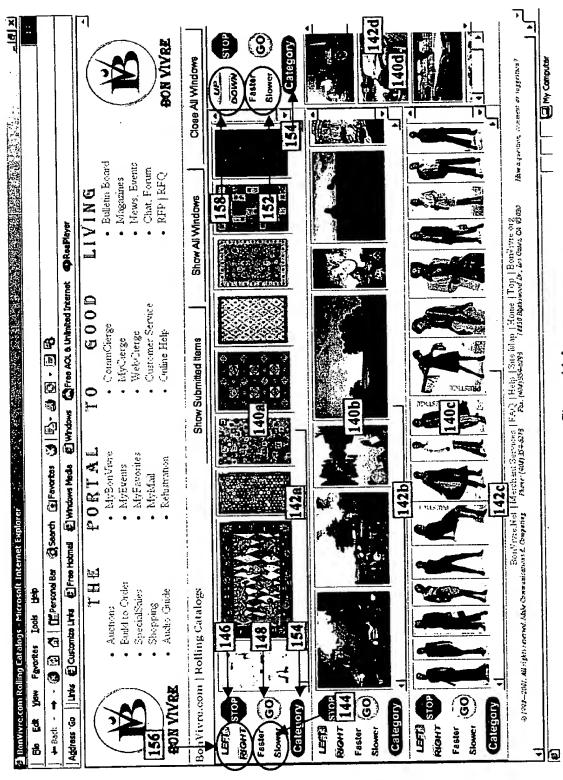


Figure 14-A

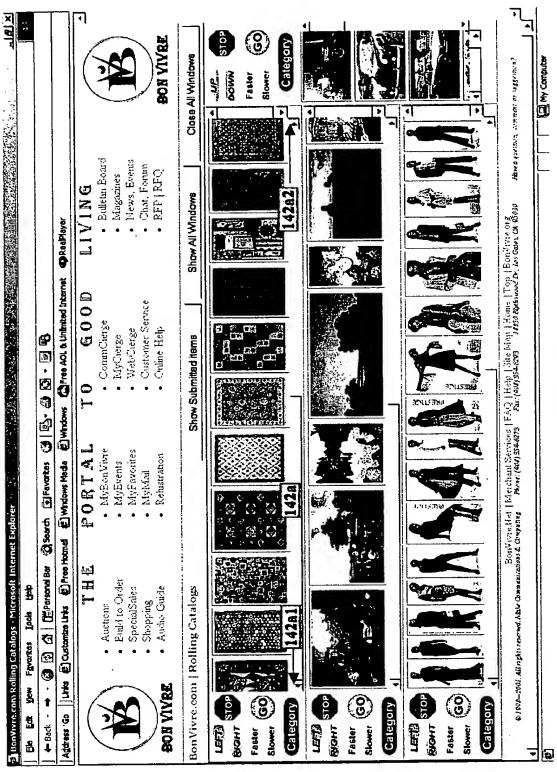


Figure 14-B

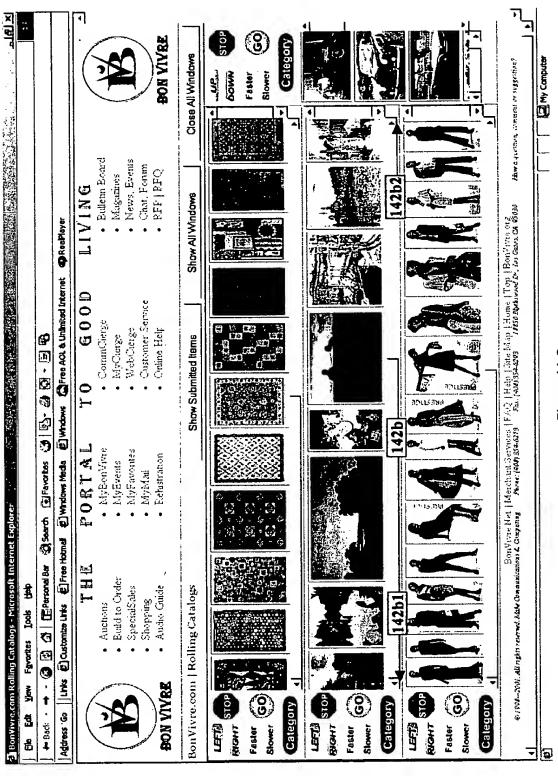


Figure 14-C

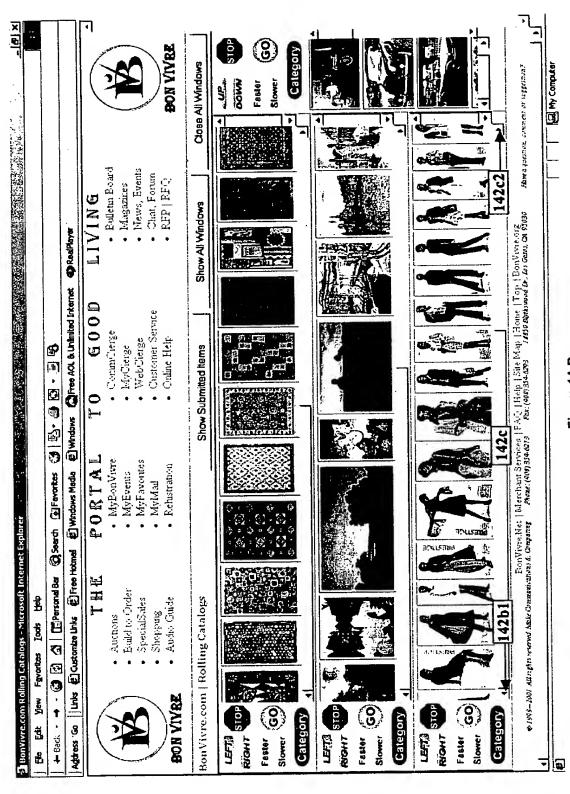


Figure 14-D

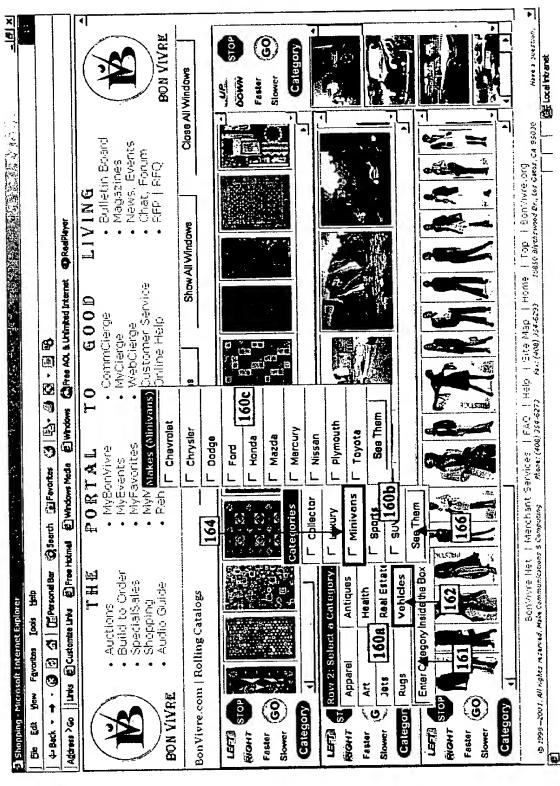


Figure 14E

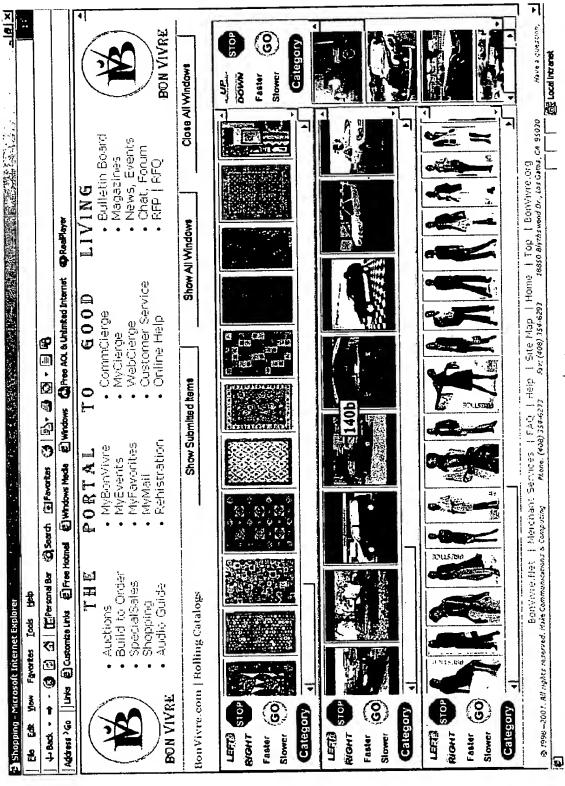


Figure 14-F

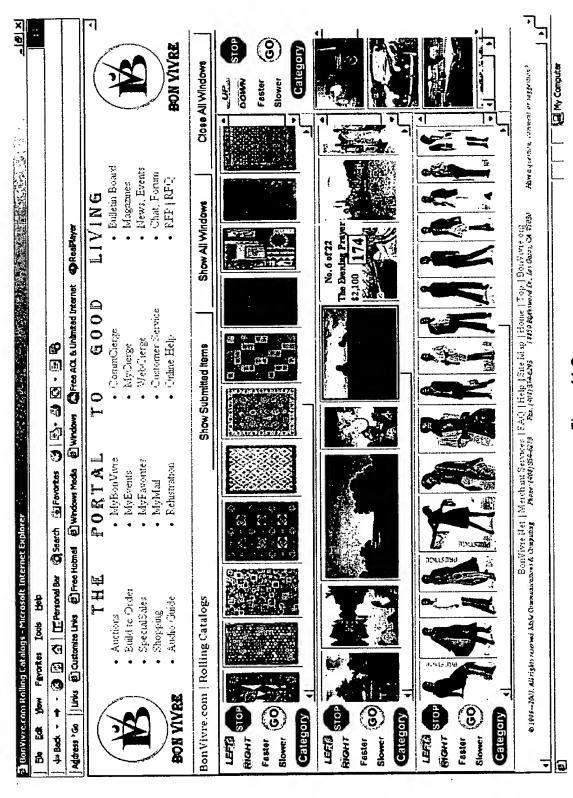


Figure 14-G

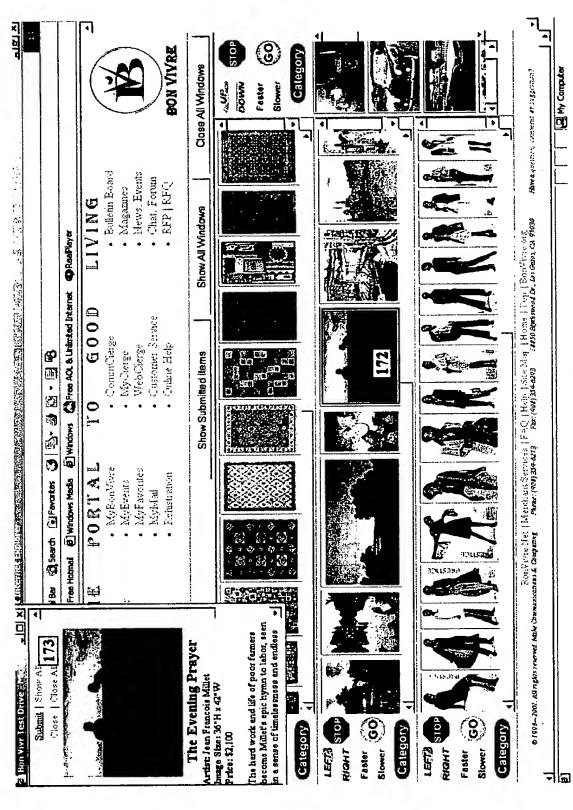


Figure 14-H

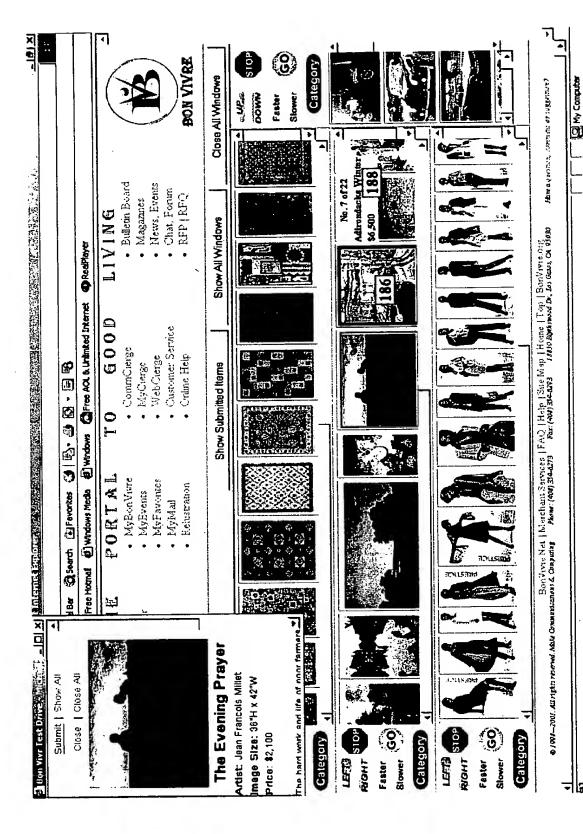


Figure 14-l

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